

# ENVIRONMENTAL NEWS



Newsletter of the N.H. Department of Environmental Services

July/August 2004

## Governor's Message

### Air transport report unveiled

Here in New Hampshire we want to enjoy our state's natural beauty, admire the breathtaking views of our mountains and breathe fresh air. Although New Hampshire has been at the forefront of reducing air pollution sources within our borders, research has shown that much of the air pollution is transported here from out of state. To better understand the consequences of air pollution from sources hundreds of miles away, we have analyzed the effects on New Hampshire's residents and businesses from this transported pollution.

I was proud earlier this spring to help unveil an eye-opening report: *Air Pollution Transport and How It Affects New Hampshire* written by



Governor Benson

Dr. Jeff Underhill of DES (see article inside). The scientific analysis contained in this report estimates that the direct health-related impact of air pollution transported into our state exceeds \$1 billion annually. Beyond that, failing to maintain a healthy environment will ultimately reduce business opportunities, since many businesses

will have to bear higher operational costs due to tighter federal regulations along with higher energy costs. Tourism is also affected, since air pollution obscures the scenic views of our mountains and seacoast for which this state is renowned.

To address this issue, I am committed to working with the appropriate federal agencies and legislators to enact effective laws and rules to ensure that our state does not unfairly receive dirty air from upwind sources.

Craig R. Benson, Governor



### New Hampshire's Beach Program ready for summer 2004

#### ***EPA announces BEACH grant to state***

DES's Beach Program inspects approximately 180 beaches across the state each summer to ensure the state's beaches are free from disease-causing bacteria and other microorganisms. The recently announced grant of \$204,770 from the US Environmental Protection Agency will greatly facilitate the program's seacoast beach testing and outreach efforts.

During the summer, coastal beaches are sampled weekly or every other week, depending on their status as determined by the Beach Program staff after each sampling season. Over 170 freshwater beaches are sampled about once a month. It's the program's goal to identify all of the swimming beaches in the state, whether they are local swimming holes in streams and rivers, beaches at motels or condos, or town beaches unknown to DES.

Earlier this spring, EPA announced BEACH Grant funding for 2005, which included the New Hampshire grant. New Hampshire was recognized as one of 11 BEACH Grant states to adopt EPA's 1986 stringent criteria for pathogens and pathogen indicators at coastal recreation areas.

Starting this summer, DES will be able to have lab results

BEACHES, *continued on page 4*

## Commissioner's Column

### Managerial/staff rotation: best management practices at work

Early on, I set as one of my top priorities the streamlining of DES operations, and I am firmly committed to making the adjustments necessary to achieve that goal. While some of these changes may not always be popular, they are nonetheless necessary to achieve the efficiencies I seek.

DES must both live within its means and maximize employee performance when spending limited taxpayers' money. In an effort to facilitate the development of broader skill-sets, cross-training, and interchangeable supervision as a management tool, I have strongly endorsed a managerial rotation/career enhancement program here at DES. This program has been implemented agency-wide and will continue to occur in selected programs across the agency over the coming months to make DES stronger and ultimately to enhance the careers and management skills of those involved. I see such rotation of staff as vital to providing a higher level of service to those who look to us for assistance. By allowing staff to experience different areas of environmental protection, a new energy will be created, while building diverse expertise, strengthening technical skills and broadening professional backgrounds.

The practice of rotating personnel has been recommended by the U.S. Environmental Protection Agency for years. In consultation with the DES division administrators, we have established a program that is both voluntary and non-voluntary, with short-term and permanent rotations. Transfer opportunities are limited by funding constraints, and, of course, employees have to be qualified for their new positions. If you are interested in trying out a new opportunity at DES, you should discuss it with your supervisor.

By empowering both staff and management here at DES to "think outside the box," I am hoping to create a work environment that explores and creates innovative and unusual solutions to the environmental challenges of today and tomorrow. Although change is often difficult to accept and administer, I am convinced that it is a positive mechanism to achieve the successes we all pursue in fulfilling our mission of protecting, maintaining and enhancing environmental quality and public health in New Hampshire. ■

Michael P. Nolin, *Commissioner*

### Flanders named director of Winnepesaukee River Basin Program

Commissioner Michael Nolin recently named Dick Flanders to the position of director of the Winnepesaukee River Basin Program (WRBP) based in Franklin. Flanders has 30 years of experience working for DES, most recently as a supervisor in the Wastewater Engineering Bureau.

Nolin noted, "The retirement of Randy Monti required that we hire someone who could hit the ground running up at the Winnepesaukee River Basin. Dick is extremely dedicated and knowledgeable, and I have no doubt that he will do an outstanding job."



*Dick Flanders*

The WRBP is the regional wastewater treatment system serving ten Lakes Region communities, which includes portions of Belmont, Franklin, Gilford, Laconia, Meredith, Northfield, Sanbornton, Tilton, Center Harbor and Moultonborough. As director of the

WRBP, Flanders oversees 26 employees and is responsible for nearly 60 miles of state-owned interceptor sewers, twelve major pump stations and a regional wastewater treatment facility in Franklin, which currently treats about 5.75 million gallons of sewage per day.

Flanders graduated from Plymouth State College with a B.A. in biology, and received a master's degree in biology from Michigan State University and a master's degree in environmental engineering from Northeastern University.

Pat Hannon has been named to succeed Flanders as supervisor of the Residuals Management Section. ■

## ENVIRONMENTAL NEWS

*Environmental News* is a bimonthly publication of the N.H. Department of Environmental Services.

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# Governor releases report on air pollution transport

**A**t a press conference on May 19, Governor Benson announced the public release of a DES report titled *Air Pollution Transport and How It Affects New Hampshire*. Attorney General Peter Heed and DES Commissioner Nolin joined the Governor in releasing this report which presents an eye-opening assessment of the impacts of air pollution from out-of-state sources on New Hampshire's public health and economy. Though scientific research has already shown that air pollution blows with the wind over great distances, this report is the first to actually quantify direct health-related costs and identify other impacts on the state's residents and businesses from transported pollution.

According to the report, New Hampshire experiences an average of ten days per year when the air quality is officially categorized as unhealthy. During periods of unhealthy air quality for ozone and small particle pollution, approximately 92 percent to nearly 100 percent of this pollution comes from sources located outside of New Hampshire, based on technical analysis done by DES. This transported air pollution is estimated to re-



*Typical wind patterns on bad air days in the Northeast, along with pollution source locations. Arrows show winds blowing from the Ohio Valley towards New Hampshire; nitrogen oxides are key pollutants that cause smog.*

sult in direct health-related costs to the state of approximately \$1 billion per year. In addition, many businesses operating within the state will have to pay the costs of increased healthcare, decreased worker productivity resulting from air pollution-induced respiratory problems, and increased compliance with more stringent regulations as a result of unhealthy air.

The report also examines and compares various proposals and actions being considered at the federal level to address the problem of air pollution transport. It describes the effects of these proposals and looks at certain federal clean air laws and regulations that are not being consistently enforced and are in jeopardy of being weakened. "New Hampshire has been at the forefront of reducing air pollution from sources within our borders," said Governor Benson at the news conference. "It is now time for similar actions to be taken regionally and nationally to ensure that our citizens and businesses are protected from air pollution transported from upwind areas."

Some of the other highlights in the report include:

- Emissions from large power plants in the Midwest and urban areas to the south of New Hampshire provide the vast majority of the pollution that causes unhealthy air quality, impaired visibility, acidification of lakes and

forests, and mercury contamination throughout New Hampshire.

- Since the large majority of air pollution in New Hampshire comes from out-of-state sources, emission reductions are necessary in upwind states to bring the state into compliance with clean air regulations.

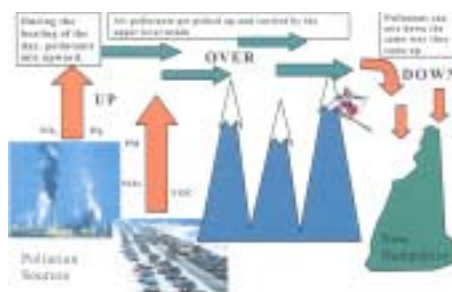
- Effective national multi-pollutant legislation for electric generat-

ing units is critical to New Hampshire if the state expects to achieve consistently healthy air quality. Meaningful legislation will also avoid unnecessary and highly expensive pollution control measures required for downwind ar-

areas (a requirement under federal law for areas with poor air quality).

It is hoped that this report will add support for New Hampshire's efforts already underway to hold both industry and federal regulators responsible for protecting New Hampshire's residents from upwind polluters. The report concludes that "unless meaningful federal legislation and regulations are adopted and effective emission controls are applied nationally, health impacts will increase, the cost borne by the people and businesses of the state will continue to rise and overall quality of life in New Hampshire will suffer."

The full report is available on the DES website at [www.des.nh.gov/ard/PollutionTransport/](http://www.des.nh.gov/ard/PollutionTransport/) or by contacting Kathy Brockett at (603) 271-6284 or [kbrockett@des.state.nh.us](mailto:kbrockett@des.state.nh.us). ■



*Pollution transport should not be thought of only as a horizontal phenomenon. Pollutants can move upwards in the air and then travel downward in sinking air currents after being transported over great distances at elevations above 2,500 feet.*



## DES, EPA and the NH Congressional delegation tour Troy Mills Landfill

**E**PA is currently in the middle of removing over 10,000 buried drums containing various hazardous wastes from the Troy Mills Landfill Superfund site. EPA committed \$8 million to conduct this work during the current construction season. DES Commissioner Michael Nolin and Assistant Commissioner Mike Walls joined EPA Region 1 Administrator Robert Varney, Senator Judd Gregg and Congressman Charles Bass during a tour of the landfill to discuss the scope of work at the site. The site was listed on the National Priorities List, commonly known as the Superfund, in September of 2003. ■



*EPA Region I Administrator Bob Varney (left) and DES Commissioner Mike Nolin converse during a recent tour of Troy Mills Landfill.*

## Fraser Papers completes environmental improvements at Berlin-Gorham mills

**F**ulfilling an agreement reached with DES and EPA as part of the 2002 purchase of the Berlin-Gorham mills, Nexfor Fraser Papers has put systems in place to significantly reduce air emissions from the pulp mill operations. A key component of the environmental improvements is a new boiler at the Berlin facility that replaces two more-polluting, less efficient boilers.

“This new boiler has state-of-the-art pollution controls and is the cleanest oil-fired boiler in the region,” noted Robert Scott, DES Air Director, at a special ribbon cutting ceremony at the Berlin mill. “The controls will reduce sulfur dioxide emissions by over 85 percent, and particulate matter and nitrogen oxide emissions by over 80 percent. The boiler will also destroy 1,560 tons per year of methanol being removed from the pulping and chemical recovery processes. Methanol is a hazardous air pollutant which is regulated under federal and state toxic air pollutant programs.”

The new boiler will work in conjunction with a foul condensate collection system and new steam stripper. In



*Officials and media tour Nexfor Fraser Papers during a recent press event to announce a new boiler at the Berlin facility.*

addition to removing the methanol, the new steam stripper will remove 98 percent of the total reduced sulfur compounds from the pulping processes and send it to the boiler for destruction, reducing odors at the Berlin Pulp Mill.

The boiler is connected to a new 25-megawatt steam-driven turbine gen-

erator, which allows the facility to generate its own power and send excess power to the New Hampshire electric grid, saving overall energy costs.

“The installation of the new boiler to remove methanol and odorous gases from the pulping processes, in combination with two major water recycling projects at the Berlin-Gorham mills, represents an investment of over \$35 million by Nexfor Fraser Papers,” said Scott. “This demonstrates the company’s commitment to improving the environment while at the same time providing much needed upgrades to the infrastructure of its facilities.” ■

### BEACHES *continued from page 1*

from both its salt and freshwater beach samples in 24 hours. Previously, it took 48 hours for saltwater results. For complete information on the beach inspection program, up-to-date beach advisories, tips for keeping our beaches clean, and links to related programs and organizations, go to [www.des.nh.gov/Beaches](http://www.des.nh.gov/Beaches). ■

## New England Mercury Consortium holds inaugural meeting

By Bob Estabrook, DES Chief Aquatic Biologist

The inaugural meeting of the New England Mercury Consortium organized by Dartmouth College was held this spring. The Consortium brings together academia, private researchers and state and federal government personnel involved in the mercury issue to continue the cooperative work begun by the Mercury



Workgroup, a subgroup of the Northeastern Ecosystem Research Cooperative (NERC). The consortium not only facilitates communication between researchers and regulators and provides an opportunity to discuss possible collaborative efforts, but it provides a mechanism through Dartmouth's Center for Environmental Health for educating the public about the potential health impacts from exposure to mercury.

Discussed at the meeting were DES legislative and outreach efforts to reduce mercury in the waste stream, and in discharges and emissions to the environment. Also discussed was the cooperative effort among DES, Fish and Game, and Public Health to monitor mercury levels in the state's freshwater fish. N.H. Public Health staff discussed the mercury biomonitoring project to test the hypothesis that blood mercury levels in humans varies between fish and non-fish eating populations. Of interest was the announcement that the Hubbard Brook Research Foundation was completing a scientific synthesis article on the health and environmental impacts of mercury in the environment. This is a "science links" project to provide science to policymakers. Dartmouth College staff discussed a project to model the movement of mercury in Great Bay. ■

For more information about DES's role in the Mercury Consortium, please contact Bob Estabrook, (603) 271-3357, [restabrook@des.state.nh.us](mailto:restabrook@des.state.nh.us), or contact Nancy Serrell, Dartmouth College, at (603) 650-1626, [nancy.serrell@Dartmouth.edu](mailto:nancy.serrell@Dartmouth.edu).

## Jody Connor receives Governor's Incentive Award

On May 18, limnologist Jody Connor was honored by Governor Craig Benson and the Executive Council with presentation of the Governor's Incentive Award. He was cited for his "efforts in the preservation of New Hampshire's natural habitat, specifically our lakes and coastal waters, [which] have protected the fiscal, public and environmental health of the Granite State."

As the DES Limnology Center Director, Connor has developed and implements many programs, including the Volunteer Lake Assessment Program, the Beach Program, the Clean Vessel Act, the Exotic Species Program, and mercury studies. He has also developed and contributed to many pieces of proactive environmental legislation in New Hampshire.

Congratulations Jody! Your dedication and devotion to New Hampshire lakes and to the field of freshwater biology are truly commendable. ■

## EPA takes next step towards cleanup of Beede Superfund site

The US Environmental Protection Agency recently offered settlements to approximately 800 parties, including companies and municipalities in New Hampshire, Massachusetts and Rhode Island. The offers will give these parties an opportunity to resolve their Superfund liability for the Beede Waste Oil Superfund site as soon as possible, while contributing to the cost of cleaning up this heavily contaminated site.

This is EPA's fourth formal settlement at the 40-acre toxic waste site in Plaistow, which was extensively contaminated from the 1920s to when the facility closed in 1994. This settlement represents a continued large-scale effort by EPA to provide many smaller volume contributors of hazardous waste with an opportunity to avoid often lengthy Superfund negotiations. The individual settlement offers are based on the amount of waste each party contributed, resulting in settlement amounts ranging from \$2,000 to \$140,000.

To date, EPA and DES have spent a combined \$21.5 million for cleanup and investigation work at the site. EPA has established a dedicated hotline, email address and website to assist potential settlers. They are: (888) 294-6980; [beede@bah.com](mailto:beede@bah.com); and [www.epa.gov/region01/superfund/sites/beede](http://www.epa.gov/region01/superfund/sites/beede). ■

## Swanzeny dam to undergo comprehensive study *Public participation key to success*

by Stephanie Lindloff, DES River Restoration Coordinator

After several years of debate and discussion, work has begun on a study that will ultimately lead to a decision on the future of the privately-owned Homestead Woolen Mills Dam. The 94-year old dam, located on the Ashuelot River in Swanzeny, must either be removed or repaired to meet state dam safety requirements. The Homestead Dam blocks migratory and resident fish from accessing high quality habitat – fish that have been the focus of restoration efforts in the Connecticut River Basin for nearly 40 years. But, removal of the dam could affect the integrity of a historic village district, including a mill complex, covered bridge, and prehistoric Native American fish weir.

In an effort to enable a well-informed and locally-based decision on the dam's future, DES has contracted out a comprehensive feasibility study on the structure and its surroundings. The study is coordinated with assistance from the Town of Swanzeny, N.H. Division of Historical Resources, N.H. Fish and Game Department, NOAA Restoration Center, and the U.S. Fish and Wildlife Service.

"The Town sees this study as an opportunity to learn about options for the dam, their impacts on the Thompson Covered Bridge, other historical resources and the river environment. Whatever happens with the dam needs to be win-win for all," said Town of Swanzeny Selectman Robert Beauregard.

The study will investigate the feasibility of several project alternatives, with the goal of meeting three objectives: 1) attaining dam safety, whether through dam removal or dam repair; 2) ensuring the stability of the 172-year old Thompson Covered Bridge and the historic integrity of West Swanzeny Village and the Homestead Woolen Mills; and 3) restoring fish movement past the dam, whether through dam removal or installation of a fish passage device. The study includes analyses of ecology, structural engineering, historic and cultural resources, water supply, fluvial geomorphology, economics, recreational usage and other issues.

"We believe this study will serve as a model for handling particularly complex dam repair or removal decisions. And, most importantly, it's being done through a transparent and collaborative process that involves the community from the very beginning," said Jim Gallagher, Chief Water Resources Engineer, DES Dam Bureau.

Public participation is a key component to ensuring that the study will be thorough, accurate and responsive to the community's needs. The second of two informational meetings, scheduled for October, will provide detailed information that will be generated during the study. ■

For more information, please contact Stephanie Lindloff, DES, (603) 271-8870; Sara Carbonneau, Town of Swanzeny, (603) 352-7411; or Edna Feighner, NH Division of Historical Resources, (603) 271-2813. For more information about dam removal and river restoration, go to [www.des.state.nh.us/dam/DamRemoval/](http://www.des.state.nh.us/dam/DamRemoval/).



*No water is flowing over the dam in this view of the Homestead Dam.*

## Hazardous Waste SQG Program Welcomes Staff

by David Rousseau, SQG Certification Manager

The Small Quantity Hazardous Waste Generator Self-Certification Program began full operation this spring with the reassigning of Judy Small, Chris Way and me from other areas of the Waste Management Division to manage the program. The timing is critical given that many of the self-certification forms mailed to Rockingham and Strafford County's small quantity generators (SQGs) in October 2003 have been returned to DES and warrant review and response. In addition to processing the forms, DES staff will be conducting training sessions, on-site compliance assistance and inspections.

For information please visit the program's website at [www.des.state.nh.us/SQG](http://www.des.state.nh.us/SQG) where the SQG self-certification form and the posting of SQG training opportunities are included. Please also note that the New Hampshire Pollution Prevention Program, a DES program that works with businesses interested in reducing waste, offers free, confidential pollution prevention and compliance assistance including technical assistance, site assessments, workshops and a newsletter. The Pollution Prevention Program can be contacted at 800-273-9469 or visit the website at [www.des.nh.gov/nhppp/](http://www.des.nh.gov/nhppp/). ■

*Should you have questions regarding the SQG Program, please contact Chris Way at (603) 271-7513 or at [cway@des.state.nh.us](mailto:cway@des.state.nh.us); Judy Small at (603) 271-2942 or at [jsmall@des.state.nh.us](mailto:jsmall@des.state.nh.us); or David Rousseau at (603) 271-6425 or at [drousseau@des.state.nh.us](mailto:drousseau@des.state.nh.us).*

[www.des.nh.gov](http://www.des.nh.gov)



## Long-time DES staffers retire *Eight are from the Water Division*

**D**ES has bid a fond adieu to several more members of its dedicated staff with the recent retirements of ten employees. Judy Bloom, Charlie Dyer, Don Greenwood, Peter Hammen, Barry and Ginny Lehneman, Russell Nylander, and Dennis Plante, from the Water Division, Lorraine Schindler from the Commissioner's Office, and Richard Reed and Ken Marschner from the Waste Management Division have recently retired from DES.

**Lorraine E. Schindler**, Business Administrator of the Administrative Services Unit came to the Water Supply and Pollution Control Commission (DES predecessor) in 1983 as the Superfund Accountant, in 1985 promoted to the Winnepesaukee River Basin Accountant, in 1989 promoted to the Oil Fund Board Accountant. From 1990 to until her retirement Lorraine was the Business Administrator. Lorraine worked for DES for 21 years and has combined State Services of 35 years. Prior to coming to DES, Lorraine worked for both the Department of Employment Security and the Department of Transportation.

**Richard S. Reed**, Administrator of the Solid Waste Management Bureau, held the position since 1990 and was instrumental in initiating legislative changes that led to the

## DES opens improved air monitoring station in Pittsburg

*by Kathy Brockett, ARD Outreach and Education Coordinator*

**T**he air monitoring station located at Murphy Dam on Lake Francis, Pittsburg has been operating since 1997 as a joint effort between DES and the Appalachian Mountain Club (AMC). Over the past year, the station has been improved to better control site conditions and obtain higher quality data. The data collected at this site is used for air quality reporting, statewide health protection, and tracking and documenting air pollution transport. This summer marks the first full season that the improved station will be in operation, which was officially opened May 27 by DES and AMC officials as well as local and state dignitaries.

The station measures concentrations of ground-level ozone, the key ingredient in summertime smog. Meteorological conditions are also recorded, including outside temperature, wind speed and wind direction. In addition, plans are underway to include measurements of small particles, which cause adverse health affects and interfere with visibility. Daily air quality information on ground-level ozone and small particle pollution is available year-round on the DES website at [www.airquality.nh.gov](http://www.airquality.nh.gov) or by calling the toll-free Air Quality Information line at 800-935-SMOG. ■

development of New Hampshire's Unlined Landfill Closure Program. Under his tutelage, the program assisted municipalities in implementing the closure of over 100 unlined landfills that represented a serious threat to groundwater contamination. During his tenure with DES, the management of solid waste changed significantly in both complexity and technological advances. Richard handled those changes with a high degree of professionalism, fairness and dedication.

**Peter Hammen**, Soils Engineer in the Subsurface Systems Bureau, inspected septic system installations for 17 years, most recently in the southwestern portion of the state. A recognized soils expert, Peter inspected many sites throughout the state when questions arose about the suitability of soils as receiving layers for individual septic systems. He also assisted in training and testing new septic system designers in soils identification and analysis. Peter's expertise will be sorely missed. He sends greetings to his friends and acquaintances at DES from the crystal sands of Hawaii.

**Dennis Plante**, Water Pollution Sanitarian II, provided expert inspections of septic system installations for 15 years, most recently in the fast-growing Seacoast area. Dennis has always maintained a reputation for thoroughness and responsiveness to individuals and towns in the Seacoast, and developed a great working relationship with installers and designers in that area.

**Ginny Lehneman**, Secretary II, has been a vital cog in the permitting process at Subsurface Systems Bureau since 1999. She has helped maintain the Bureau's ability to quickly and accurately issue permits and keep track of all of them, as well as helping her husband Barry work his magic in keeping our in-house and archived files in order and accessible.

**Barry Lehneman**, the other half of a dynamic duo, has inspected septic system installations in the field and maintained the extensive records of subdivisions and individual septic systems since 1976. The Bureau has long depended on Barry to find that missing piece of information to assist homeowners and town officials to determine the status of subdivisions and approved septic systems. Barry has always come through for us.

**Judy Bloom**, receptionist in the Subsurface Systems Bureau, has been the voice of the Bureau for 18 years. Judy has been the Bureau's gatekeeper, the one who always knows who does what and who should respond to which question or complaint. Judy's pleasant manner and extensive knowledge of the Bureau have been a major asset to the Bureau in assisting the public over the years.

Charlie Dyer, Don Greenwood, Russ Nylander and Ken Marschner will be featured in the next issue of *Environmental News*. ■

## Inspiring young environmentalists

### *DES staff encourage students at the 2004 Envirothon*

**D**ES staff love getting others excited about the environment! That's why each year the N.H. Association of Conservation Districts, sponsors of the state's environmental science competition, has no trouble getting volunteers from DES to participate in its annual Envirothon for high school students. Ten people from DES, along with volunteers from UNH, NH Department of Fish and Game, US Fish and Wildlife Service, the US Forest Service and several other groups, participated in the 2004 Envirothon held recently at Saint Anselm College in Manchester.

Nineteen high school teams attended the event. Souhegan High School once again took home top honors by beating Keene High in one of the tightest contests of the NH Envirothon's 14 year history. The Souhegan team will be heading to West Virginia for the international event.

DES participants included Alicia Carlson, Nicole Clegg, Tim Drew, Ken Kettenring, John Liptak, Barbara McMillan, Ken Warren, Wendy Waskins, Melanie Wheeler and Eric Williams. Thanks for inspiring our future environmentalists! ■

## E-tools promote communication on recycling, evaluate costs

**B**usinesses and organizations interested in recycling issues are encouraged to subscribe to "Nh-recycling," a new listserve devoted primarily to commercial recycling issues. The listserve can be accessed at [www.nh.gov/mailman/listinfo/nh-recycling](http://www.nh.gov/mailman/listinfo/nh-recycling), and is a quick and easy way to connect with people in the New Hampshire recycling industry. For those unfamiliar with the term, a listserve is an automatic mailing list server, which one subscribes to through the Internet. Messages are transmitted entirely through e-mail and only to members of the list. It's used to facilitate discussions, announcements and an exchange of ideas with like-minded individuals.

Another web-tool is the "Greening Calculator." Michelle Veasey, a master's degree candidate from UNH, helped DES develop the new tool for the lodging and restaurant industry. This interactive tool, which is available free online, assists sectors of the hospitality industry in evaluating the financial aspects of implementing environmental technologies and practices at their facilities. The "Greening Calculator" evaluates the up-front costs, the annualized savings, and the return on investment for environmental related improvements in lighting, water conservation, waste management and more. For more information about the Greening Calculator, please contact Pierce Rigrod at (603) 271-3713, and to download the tool, go to [www.des.nh.gov](http://www.des.nh.gov). ■



*Singer Park/Fisher Cat Baseball Stadium Groundbreaking Ceremony, May 7, 2004.*

## Singer Park begins new era

**T**he Singer Park site in Manchester, like many in the state, has been extensively used for a variety of purposes over decades. A groundbreaking ceremony was recently held at the park to commemorate the start of construction for a 6,500-seat baseball stadium that will be the home to the Manchester Fisher Cats. In planning the future development of the site, a number of potential environmental concerns at, or adjacent to the site needed to be addressed. To facilitate these efforts, DES has coordinated regular meetings among the property owners and their consultants, and the City of Manchester. However, DES also believes the environmental solution to these problems is straightforward and achievable prior to, or simultaneous with development. ■



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